

the CARRIER

W6CX



the MOUNT DIABLO AMATEUR RADIO CLUB

A SPECIAL SERVICE CLUB

VOLUME XXXVII - ISSUE 12 - DECEMBER 1990

MERRY CHRISTMAS - HAPPY HOLIDAYS

TUNING AROUND

By Derek Brown, N6CUK
President

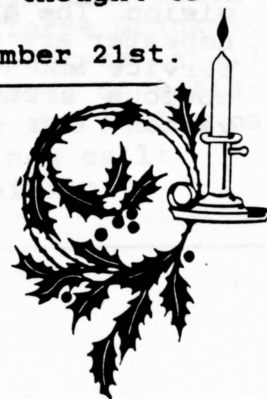
I can't believe December is here already: it sure doesn't seem like a whole year has gone by ! With all the activities the Club has to offer, time sure flies !

One of my major efforts this past year was to increase the participation in various Club events. I'm glad to see that this has happened, as evidenced by our huge successes this year with the Club auctions, growth in membership (to 368), and success in the Ham classes. This has culminated in our Club being designated this year as a Special Service Club. This designation is a direct result of Club members becoming involved in our various activities. I want to thank all the Club members who involved themselves in these activities - you are the ones who made this possible.

I would like to thank the Board members for helping make things happen as well as providing guidance on issues this year. Their assistance and guidance has been invaluable. A special thanks goes to my family (my wife Janet, and Jeff and Allison); without their support, I would not have been able to help in the success the Club has experienced this year.

I wish Pete Tormey (our new President) and the new Board success in the coming year. I know you will support, encourage and help them this coming year, as I plan to do. If you get a call from any of the Board members or committee chairs, give some thought to helping out - you're the ones who make it all happen.

I hope to see you all at the Christmas party December 21st.



ATV NEWS and ATV UPDATE
by Mike Scott, N6GOZ

W6CX/ATV!

The Club callsign W6CX will soon be seen on television, thanks to..... DON SMITH W6NKF.

After many years of frustration and hard work, Don has decided to donate the ATV repeater to the MDARC under the auspices of the Rocky Ridge Repeater Group. The same team that currently maintains the system under the leadership of KEITH LATTIN N6PMF and MIKE SCOTT N6GOZ will continue to develop and enhance the system with.....

A STATED GOAL OF MAKING W6CX/ATV
THE BEST AND MOST ADVANCED ATV
REPEATER IN THE COUNTY.

The first and most noticeable difference current viewers will see is the CHANGING OF THE VIDEO ID BOARD TO READ W6CX-ATV. There are other changes in the works, including a scrolling bulletin board that can be remotely programmed to carry Amateur Radio related announcements and information. A video weather station that provides on-screen weather data from the top of Mt. Diablo is another planned feature, coupled with a live feed from a tower mounted camera.

The addition of W6CX/ATV carries this Club to the fore-front of modern technology. Today's young Hams to-be cannot relate to short-wave, AM, and older forms of communication. The way for us to gain new talent is to relate to today's young people via today's technology which is computers, satellites and television. The applications for the ATV repeater are many and varied. Public service and RACES events are two obvious areas where Amateur Television can be utilized. Amateur

Radio classes can be taped and aired over the repeater for those unable to attend. Many of you have video cameras and equipment at home or in the workplace, - well now is the time to put that stuff to work. !!!

THE THURSDAY NIGHT CLUB NET
IS HEADED FOR AMATEUR TELEVISION

JAY CALDIS KT6Y will telecast the Club Net every second week at 7:30 pm. If reaction is good, it will be come a weekly feature.

THE ARES/RACES NETS ARE
HEADED FOR AMATEUR TELEVISION

AL NIELSEN WA6AGA and JIM HOUSE KA6IVF have indicated that as soon as the new emergency operations center at Consolidated Fire is complete, they will install ATV transmitting equipment.

The ATV net continues to grow in popularity as more amateurs take the plunge into television. There are currently 30 active users on the system with many more people, both Hams and non-Hams, in the receive-only mode. We hope to involve non-Ham viewers in the net by providing a telephone number for them to call and inform us of their presence.

TIM BARRETT WD9BIV has taken over the role of secondary net controller, thus adding his unique personality to the occasion. I feel certain we can look forward to some interesting formats in the coming year.

What happens with the W6CX/ATV is up to all of you as Club members. Television is here to stay and all you have to do is come up to speed on how it works and how to utilize it. We will do our part to promote it, but the days of trying to do it alone are over !! We need and encourage your support and involvement.

cont'd next page



MEMBERSHIP DIRECTORY UPDATE by George Jones, KI6YK

SHUTTLE FLIGHT COVERAGE:

Live television coverage of NASA flights will continue. The upcoming Ham-in-Space missions will produce a great opportunity to promote both Amateur Radio and television, so, don't forget to call your local media and get some coverage. You might consider inviting a TV or newspaper reporter to your home to cover the story. Those of you who are teachers or have contacts in the school system might consider setting up an ATV receive system to allow students to follow the flight.

NEW AMATEUR RADIO PROGRAMMING VIA SATELLITE:

There is a weekly Amateur Radio program televised by satellite. The series is entitled MBC AMATEUR RADIO NEWS and is scheduled to begin soon via Westar 4 Tr.13. The show is currently scheduled to air at 8am EST (5am Pacific Time). We will tape the show for replay either Saturday or Sunday night, then again after the ATV net on Thursday night.

MDARC CLUB MEETING VISITORS

It was our pleasure to welcome the following visitors to the MDARC general meeting on November 16th:

Everett Fred Basham, KC6OSV, 1143 Crespi Dr., Sunnyvale, CA 94086.
Ted Durst, W6PFW, 9 San Arno Ct., Walnut Creek, CA 94598. Ted was a member of MDARC 1970-1984.
G. Eric Ferguson, KA6USJ, 1790 Ellis #35, Concord, CA 94520.
Eveline G.B. Noyes, KC6OGB, 1689 Regent Dr., San Leandro, CA 94577.
Don Swartwood, 5017 Concord Blvd., Concord, CA 94521.
John Thornton, WM6R, 2728 Piedmont Ave., Berkeley, CA 94705. John is from SLUG'S ARC at UC Santa Cruz.
Jim Tittle, 178 Thomas Way, Pittsburg, CA 94565-4705.

MDARC is pleased to welcome the following new members to our club:
BARTELL, Ross P.; KC6OYZ, Technician; 22 Meadow Pk. Ct.,

Orinda, CA 94563; (415)-254-2368(h)

BERGH, Emil; SWL; 1122 Skycrest Dr. #2, Walnut Creek, CA 94595
(415)-934-1392(h)

FRY, Sue K.; KC6OBU, General; 2290 Eunice St., Berkeley, CA 94709
(415)-524-2501(h)

GUSTAFSON, Guy L.; N6DTU, General; 1370 San Jose Ave., Concord, CA 94518; (415)-798-4285(h&w)

HUGHES, Robert H. (Bert); SWL; 6931 Lacey Ave., Oakland, CA 94605
(415)-569-3135(h)

LUTTRINGER, Ron; K6XC, Extra; 1110 Via Media, Lafayette, CA 94549
(415)-283-7872(h), (415)-256-0606(w)

MARLEY, Chris; N6RAL, Technician; 808 Knight Cir., Vallejo, CA 94591-8123; (707)-552-1646(h),
(415)-274-0427(w)

MARLEY, Grace; KC6HYT, Technician; 808 Knight Cir., Vallejo, CA 94591-8123; (707)-552-1646(h),
(415)-274-0466(w)

MARTIN, Marvin R. (Marv); WA6NQR, Extra; 221 Christina Dr., Vacaville, CA 95687; (707)-447-7452(h), (415)-685-8123(w)

MATZEN, Dennis L.; KA6FUB, Technician; 2038 Cunningham Wy., Martinez, CA 94553; (415)-370-6554(h), (415)-646-4566(w)

VERNON, Thomas F. (Tom); WB6YJX, Advanced; 409 Lejean Way, Walnut Creek, CA 94596; (415)-932-8144(h)

Please note that the street for Walt Moser listed in last month's Carrier should be Terra Granada. Michael Gay's new address is 3171 Hillview Ct., Concord, CA 94519-2108
Congratulations to the follow on their upgrade and new call:
Bruce Smith: Technician
Tom Olson: N6ZLQ

THE COUNTY WIDE
SIMULATED EMERGENCY TEST
OCTOBER 17, 1990
By Jim House, KA6IVF
Central County E.C.

On the first anniversary of the recent Great Quake, last Oct. 17th, many local RACES/ARES members took the time from their busy schedules to help out with a County Wide Simulated Emergency Test (SET). This was the first one in a decade which involved all of the cities in the County, and your RACES/ARES group was asked to provide communications between the cities and County Office of Emergency Services where resource management takes place, and State OES Region II in Pleasant Hill where the event simulators were operating. During the short 2 hour drill, a lot of traffic was presented to the ham operators to send between these locations.

Generally speaking, the city and county government agencies were pleased with our performance, although most of us (the Hams) felt that we could have done a lot better. This is the usual outcome of such activities.

The following operators from Central County participated:

Consolidated Fire Central Dispatch
KA6SHE
Martinez Police Dept./EOC KB7BGM
Lafayette Police Dept./EOC
KD6EP, AA6LH
Concord EOC KT6Y
Clayton EOC N6CUK
Moraga Police Dept./EOC N6J0X
Pleasant Hill Police Dept./EOC
N6LZM, AA6NM
Orinda EOC WB6MZQ
Walnut Creek Police Dept./EOC
WD6GDG, KA6SQN
OES, Contra Costa County
N6BHX, N6LGE, KA6IVF
WB6SAI, KA6FUB, KI6RP
OES, State Region II
W6LKE, N6PWX, WA6AEO
KC6NOC, Paul Gerard

This exercise required all of the people we could muster because it was done on a work day. We were even asked to provide operators for the hospitals at the very last minute, but declined because additional operators were not available.

The distinguished hams, notably W6LKE and W6CPO, who have spearheaded the RACES/ARES program in Contra Costa County experienced years of frustration when no one in the County or most of the cities was interested in what we could contribute. But since the recent earthquake, guess what? The cities have asked help. Now the ball is in our court.

For years we have been touting what Amateur Radio could do for them when the phones are out, and their own dispatchers and frequencies are stretched beyond the limits. Now they want to know what we can do. It's time, folks, to get involved.

Such a small percentage of active amateurs are spending some of their operating time with the public service sector that those who are, are often over extended trying to fill the need, and burn out if they aren't careful. If more people pulled their share, no one would have more to do than they could easily handle.

What, may I ask, besides public service, justifies our continued occupation of so much spectrum, our request from relief from restrictive antenna ordinances and the like? Very few outside the DX community, for example, can see any justification for Amateur Radio to exist just so some guys can see how many points they can get in a contest. What with satellite news on TV every night, the public is hard to impress with the feat of talking to some total stranger on another continent from your living room, as exciting as that is to us.

But helping people find out which hospital their family member has been taken to after the freeway

collapsed is something the public and government can relate to. We have a lot of people signed up in the RACES/ARES program. Some of them are active (check in to the net and participate otherwise). Many are not. Many say "If there was a REAL emergency, you know you could count on me!" To do what? Help, or hinder? If you want to help then, you need to get involved NOW. We won't have time to explain how things are done when the bricks are falling. We could see the need for more experience under simulated conditions even among those of us who have been active in the program for years.

If you are signed up for the program, check-in to the net and keep in touch with other card-carrying-members", come to one of our meetings on the first Wednesday evening of each month and get your mug shot taken. If you live long enough, you might get a couple of photo ID cards, from the Sheriff's office, and one from County OES, which, with a buck, will get you a cup of coffee in a cheap joint.

Don't wait for an engraved invitation, or expect an instant promotion to a general, but we have a job for everyone who wants to help.

A postmortem on the SET was held in November. Seven E.C.'s met at Region II. All the stations that participated were encouraged to attend and report their experiences.

THE COUNTY WIDE
SIMULATED EMERGENCY TEST
AND SOUTH COUNTY RACES
By George Jones, KI6YK
South County E.C.

When the county-wide SET began on the morning of October 17th, 6 members of the SoCoCoCo RACES were at their stations manning the radios at the EOC's in the participating cities of the San Ramon Valley. At

the city of San Ramon EOC were N6MUG, K7SDF (later replaced by N6CPG) and KI6TB. The town of Danville saw KI6YK, KB6UU and N6FER at their EOC.

When neither city was able to contact voice operators on 2M at CoCo County EOC or State Rgn II EOC, they solved the problem in different ways. San Ramon found an available channel on 440 and got some traffic passed there. Danville simply passed all of its messages via packet. Danville had some problems forwarding its packet traffic on its usual frequency early on. Eventually, they realized that one of the operators had tweaked a few of the dials on the 220 radio but by then the exercise was over. But when KA6FUB BBS in Martinez discovered the difficulty KI6YK was experiencing, they changed the forwarding path to 2M so that traffic could flow again.

This exercise demonstrated to the RACES members that the cities have taken us seriously and have come to rely on us for disaster communications. It gave us an opportunity to solve unexpected problems. But it also showed us that we need to improve our message handling techniques and that we need to be better organized in our frequency allocation. It confirmed that if anything is not going to work, it'll be when it's most needed. And it reinforced our conviction that we need more and better trained RACES members. The idea of untrained Hams coming "out of the woodwork" to help during a disaster seems to be becoming more and more of a myth with the passage of time. They stand a chance of becoming a part of the problem rather than part of the solution.

We are grateful to the RACES members who helped out in this exercise and hope we can be even better utilized in future exercises.

See next page for the East County response to Loma Prieta revisited

THE COUNTY WIDE
SIMULATED EMERGENCY TEST
EAST COUNTY RESPONSE
(LOMA PRIETA PLUS ONE YEAR)
By Rick Barber WB6EZI
East County E.C.

On Wednesday, October 17, 1990, East County Hams joined numerous cities in the County in a Simulated Emergency Test (SET). The SET simulated a major earthquake on the Hayward fault which caused damage throughout the county. To assist local governmental agencies, East County RACES members assembled to provide communications and other assistance.

Participating in the SET were Jane Walker (N6NVA) and Rufus Bryant (N6NFR) in Brentwood, Bill Hall (KB9M) in Antioch, Tim Barrett (WD9BIV) and Rick Barber (WB6EZI) at Pittsburg OES, and Jim Elliott (WD6FYX) at Los Medanos Hospital. Three doctor/hams from Los Medanos Hospital and the Gladstone Clinic, which is next door to the hospital, were recruited by Jim and they played an active part in this exercise.

SET's are designed to identify problems which local officials then rectify. This one was no exception. Problems in the Ham arena were also exposed. Most notable was the fact that the 145.41 repeater does not play well into Brentwood. Communications to and from Jane and Rufus were marginal at best. Additionally, East County had difficulty getting into County OES- we suspect due to operator overload.

We also determined that PACKET will be absolutely necessary to have for those LONG logistical reports and situation updates. They take valuable air time which could better be spent on messages with higher priorities. Circuit utilization-selecting the best circuit, Ham or governmental, to pass the message-also seemed to be a problem during this SET. Some emergency messages

were passed on Ham radio when they should have been sent over the police or fire nets.

In summary, we could have passed a lot more traffic (another criticism) but the telephones were working (give me a BREAK!) during this SET so they handled a majority of the internal traffic. We all learned, we had a good exercise, and we'll be better prepared for the next one, real or simulated.



CHRISTMAS BOUQUETS
FROM THE EDITOR.....TO:

....JANE WALKER N6NVA, for proof reading 'the CARRIER' every month in 1990 before it went to the printer, and finding errors overlooked when preparing the newsletter.

....GEORGE JONES KI6YK, for keeping the membership lists current and printing the address labels each month to mail 'the CARRIER'. Also for folding and mailing it earlier in the year.

....JAY CALDIS KT6Y and WALTER EBBETT KB6QIB for getting 'the CARRIER' from the printers, paying the printing bill, taking it to one of their residences, where they fold and staple, put the address labels and postage stamps on, and take to the post office for mailing.

....THE CONTRIBUTORS to 'the CARRIER' of articles on all that happened during the year.

....MEMBERS who have made helpful suggestions to improve the newsletter.

MDARC GENERAL MEETING MINUTES November 16, 1990

Pres. Brown, N6CUK, called the meeting to order. A motion was passed to approve the minutes of the previous meeting as published in the Carrier. Guests were introduced and upgrades were announced.

MDARC T-Shirts are still available for \$11.

Treas. Ebbett, KB6QIB, reported \$4631. cash on hand as of 11-16-90. He still has unclaimed name tags and is taking orders for MDARC Yellow Jackets. Requests ARRL membership renewals be sent to him with checks made out to MDARC.

Awards Chmn. Walker, N6NVA, requested names of anyone deserving of recognition.

Lauren Styles, WA6CIE, said MDARC placed 21st on Field Day.

Larry Gansz, KB2GV, announced there were 24 Novices and 10 Technician Upgrades as a result of the Ham Radio Classes. He thanked John Obal, KA6SQN, for flyer distribution, and, for conducting classes: Jim Pepper, W6QIF, Technician Class, Martin Smith, N6XHL, Novice Theory, Dianne Brooks, AA6WP, Novice Code.

George Jones, KI6YK, reported 368 members.

George Roush, WB6OFH, reminded all to turn in reservations for the Christmas Party on December 21, to be held at the First Presbyterian Church in Concord.

Motion was passed to approve an additional \$200 for awards.

Motion to authorize payment of \$114 for Club Liability Insurance Premium was passed.

Motion was passed to approve \$597 for Ham Radio classroom rental next year.

Motion was made and seconded to table the \$597 classroom rental approved and place it before the Board.

The original motion for \$597 classroom rental was withdrawn. MDARC Board Members elected for 1991

were as follows:

President:	Pete Tormey,	N6QGN
Vice Pres:	Richard Shappee,	WA5HQJ
Secretary:	Walter Ebbett,	KB6QIB
Treasurer:	Bert Dawson,	KB7BGM
Emer.Coar:	Mark Curley,	N6MIN
Board Mem:	Larry Gansz,	KB2GV

New Officers and Board Members were invited to attend the 11-20-90 Board Meeting at the home of Walter Ebbett.

Mike Scott, N6GOZ, had an excellent "Cellular Update" presentation and was assisted by O.J.Penja, KB6RNQ, and John Thornton, WM6R. ATV filming was by Bert Dawson, KB7BGM.

Respectfully submitted,
June Blenderman, N6SWP
MDARC Secretary

MDARC BOARD MEETING MINUTES November 20, 1990

Board Members present:

President	Derek Brown	N6CUK
Vice Pres.	Don Ledwith	K7SDF
Secretary	June Blenderman	N6SWP
Treasurer	Walter Ebbett	KB6QIB
Director	Dick Brown	KT6X
Director	Jay Caldis	KT6Y

Board Members absent:

Emer.Coar.	Brian Rolley	N6TDJ
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Committee Members present:

Membership	George Jones	KI6YK
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1991 Board Members present:

Vice Pres.	Richard Shappee	WA5HQJ
Director	Larry Gansz	KB2GV

The meeting was called to order by Pres. Brown. Motion to approve the minutes of the last meeting as published in the Carrier was passed.

The next Board Meeting for outgoing and incoming officers will be held at the home of George Jones, January 8, 1991 at 7:30 PM.

Dick Brown is returning the check submitted to MDARC by the Orinda Rotary Club for services on a 11-4-90 run.

The program for the January General Meeting has not been scheduled at this time.

Details were reviewed for the December Meeting Christmas Party on 12-21-90.

Treasurer reported Auction figures of \$7723. income minus \$6730.30 expenses with a profit of \$992.70.

A motion to purchase 2 boxes of printer paper for the Carrier Publisher was passed.

Ham Radio Classes start January 12, 1991, for Novice thru Advanced. Membership stands at 368. Renewals will be sent out Dec. 1, 1990. Occupations will be included in the new Directory.

Respectfully submitted,
June Blenderman, Secretary

Sincerest condolences to
PRESIDENT DEREK BROWN
on the passing of his
GRANDFATHER
November 1990

CLUB MEMBER NEEDS HELP !!

ALAN CRADDOCK, WB6DXZ, has acquired a Collins KWS1 transmitter (1955 vintage) and it isn't loading properly. He would appreciate a call from anyone willing to help
530-3911 evenings

CLUB MEMBER DR. GEORGE JONES
South County E.C., KI6YK Races BBS
Sysop, and Membership Chairman,

plays the French Horn in the
DIABLO SYMPHONY ORCHESTRA.

In their Christmas performance at the REGIONAL CENTER FOR THE ARTS in Walnut Creek, George wore a Santa Claus hat and played some special entertaining musical effects, (not on his French Horn). Very festive !!

CONTRA COSTA COUNTY
RACES/ARES NETS

THURSDAYS . . 1900 HOURS
*CENTRAL C.C.COUNTY 145.680/S
James House, KA6IVF, E.C.
372-0345
*EAST C.C.COUNTY 146.535/S
Rick Barber, WB6EZI, E.C.
754-1610
*SOUTH C.C.COUNTY 146.355/+R
George Jones, KI6YK, E.C.
837-9316
*WEST C.C.COUNTY 145.110/-R
Rachel Lewellen, KB6LHR, E.C.
233-5034

*QSY to 147.735/-R at 1920 HOURS
MEETING OF ALL RACES/ARES NETS

CONTRA COSTA COUNTY EMERGENCY
RADIO SERVICES H.F.NET

meets monthly - 1st Thursday
following the 1st Wednesday
2000 Hours 3895 Khz
Hank Berriman, W6ZHY, A.E.C.

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I THANK MY LUCKY STARS THAT I AM NOT
SUPERSTITIOUS !!

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Another MDARC Profile
by Dr. George Jones, KI6YK
Membership Chairman

WHAT WE SPEAK

Besides the usual Amateur Radio jargon, Ham talk and Morse Code, some of our members can also speak foreign languages. Here is the language and the number who admit to speaking them:

Spanish	18	Afrikan	1
German	10	Chinese	1
French	4	Dutch	1
Japanese	4	Portuguese	1
Italian	2	Korean	1
Danish	1	Hungarian	1

THE EMERGENCY RESPONSE INSTITUTE By Larry Kaye W6CPO, DEC

The fall 1990 ERI, sponsored this year by the Contra Costa County ARES/RACES, was held at the Pacific Bell facilities in San Ramon on October 27/28. The institute was designed to provide both beginning disaster communicators and more experienced operators with meaningful and informative presentations.

Opening the institute, TED HARRIS N6IIU, communications coordinator for the American Red Cross, spoke on the lessons we learned from Hurricane Hugo and the Loma Prieta Earthquake. His presentation, illustrated with slides of these and other disasters, gave a vivid account of how both commercial and Amateur Radio communications were employed. Since our work as volunteer communicators is so closely associated with local government and public safety agencies, it is important that we develop sound working relationships with them.

DOUG SMITH, WA6GON, spoke on the need for properly structured agreements and plans. Using the Contra Costa County RACES plan (which he was instrumental in developing) as an example, Doug described how the Amateur community needs to address the procedural needs of the sponsoring agency as well as their actual communications requirements. (Doug is communications supervisor for the Concord Police Department).

Of the approximately 90 attendees at the ERI this year, many came from outside the greater Bay area. Medford, Oregon was represented by KEN, WA7TEG. Southern California had three attending. Fresno, Turlock, Tuolumne, and Sacramento were also represented.

In addition to the Amateur Radio attendees, GARY BROWN, Contra Costa OES director, and two of his staff attended.

To allow a maximum amount of time for the attendees from differ-

ent areas to compare notes, a catered lunch was set up in the cafeteria overlooking the spacious grounds of the complex, it provided a relaxing meeting place.

Following the lunch, a number of Amateur Radio equipped communications vehicles were displayed. From Contra Costa county, 'Comm Van 45' of the Orinda Fire Department displayed their mobile support vehicle. This converted van provides portable lights, ICS materials, and communications. State OES set up their portable microwave vehicle. Built from a former television ENG truck, it contains a 5.6 GHz mast mounted transceiver and a similar portable system. Full duplex television is possible. A third outfit came from the San Jose area and is built around a military 3/4 ton M37 weapons carrier. The 'shack' has both VHF and HF with a novel antenna system.

The subject of recruiting personnel from a wide area to provide mutual aid and relief was presented by DAVE TYLER, N6DRT. Dave discussed the problems of maintaining accurate lists over shift changes and the need to use a coordinated system of matching needs with operators.

To allow presenting material relevant to two groups, the next session was divided into two different rooms. RICK BARBER, WB6EZI, spoke on 'Responding to a callout'; what you should do, what you should bring, what you might expect. The other simultaneous session, directed more toward the 'managers', covered the uses of mutual aid and the need for providing adequate relief for the leadership. ART BOTTERELL, of Region II OES, gave some insights into served agency needs.

To conclude the Saturday portion of the institute, DAVE OTEY, WB6NER, described the development of the 'Bay Area Hospital Net'. This net, originally started as a Kaiser

Hospital net, now includes participants from many Bay Area hospitals and will serve as a high level coordination and resource net.

The Sunday morning portion of the program began with PAUL GIRARD speaking about public relations, both before and during a disaster. His hints on how to keep your Amateur Radio group activities in the public view are based on his many years in both the press and private industry.

A second split session was presented on packet radio. LARRY KENNY, WB9LOZ, taught a group of beginning packeteers, emphasizing the fundamentals and how to use the BBS network. The 'advanced' group participated in a forum on packet uses in disasters. This forum was led by BRAD WATSON, WA6AEO and DENNIS MATSEN, KA6FUB. The Contra Costa linked BBS network was used to illustrate one method of handling disaster traffic. A talk by DWAYNE ESKRIDGE, W6LKE, on the use and

importance of HF, concluded the session. Using HF not only for long range resource coordination but for area support was discussed.

We would like to express our thanks to Pacific Bell for their donation of the use of a superb facility and for the support they gave us. Meetings such as the ERI provide one of the few opportunities for disaster preparedness planners and communicators to discuss common problems and further enhance their response capabilities.

Hope to see many more of you at the next one!

CLUB MEMBER DAVE NEWMAN, N6VIK, is the Vice President of the Contra Costa Communications Club, Inc. (WD6EZC 145.11). He was recently asked by its Board of Directors to serve as President of the Club for the balance of the term of its President, Dudley Babcock, N6VKK, who moved to Grizzly Flats, Ca.

THE BASE STATION

Your Contra Costa Ham Radio Headquarters

A.E.A. Interfaces, T.N.C.'s & Antennas
 Ameco Books, Code Keys & Oscillators
 Amphenol Coax Connectors
 Astron Regulated Power Supplies
 A.R.R.L. License Manuals, Books, Tapes
 and Reference Guides
 Avanti/Antenna Specialists "On Glass" Antennas
 A.O.R. Ace Scanning Receivers
 Bencher Paddles
 B. & W. Antennas, Coax Switches & Accessories
 Bearcat/Uniden Scanners
 Butternut Antennas

Callbooks, Maps, Guides & Supplements
 Carol/Columbia Coax Cable
 Cushcraft VHF & UHF Antennas
 Hustler Mobile Antennas, Mounts & Brackets
 Gordon West Books and Code Practice Tapes
 Larsen V.H.F. & U.H.F. Mobile Antennas & Mounts
 M.F.J. Keyers, Tuners, T.N.C.'s, Switches & Access.
 Mirage V.H.F. & U.H.F. Amplifiers
 Wm. Nye Code Keys & Oscillators
 P.C. Electronics Amateur TV Converters & Xmtrs.
 Van Gordon Antennas, Insulators & Wire
 Yaesu H.F., V.H.F. & U.H.F. Transceivers
 and Accessories

Antenna Masts
 Guy Wire
 Wire Clamps
 Mast Bases
 Egg Insulators
 Dog Bone Insulators
 Center Insulators

Copper Wire
 Baluns
 Magnetic Antenna Bases
 Trunk Mounts
 Ball Mounts
 Gutter Mounts
 Code Practice Oscillators

Code Practice Software
 S.W.R. Meters
 Ground Rods
 Coax Patch Cords
 Mic Plugs & Connectors
 PL-259's, & N Connectors
 Headphones

Flexible Rubber Antennas
 Scanner Frequency Books
 Scanner Antennas
 Radio Publications, Inc.
 Radio Handbooks
 Frequency Spectrum Charts
 Operating Manuals



1839 East Street
 Concord, CA 94520
 (415) 685-7388

Mon-Fri: 10-5:30 Sat: 9-4

In Downtown Concord between Willow Pass Rd. & Concord Blvd.



DAVID OTEY, KB6NER, is primary net control and District Emergency Coordinator for Alameda County. The control radio station is

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